

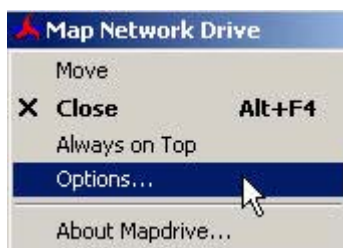
# NCDOT ROADWAY PLAN PREPARATION

## CHAPTER 2 : DESKTOP CADD UTILITIES

### MapDrive



The MapDrive application can be found in your application folder in the NCDOT workspace. It is recommended that you create a shortcut on your desktop for quick reference to this application. MapDrive reads the username.mapdrive.cfg file off of your U: drive (or C:\temp if your do not have a U: drive mapped). This file can be edited so that you can customize it for projects in your group.



An advantage to MapDrive over SrvConn (described next) is that you can choose which drive you want to map through. While it is highly recommended to map through the R: drive, there can be times when you need to connect to multiple projects at the same time and MapDrive will allow you to do this. More information is available on Roadways website at:

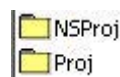
<http://www.ncdot.org/doh/preconstruct/highway/roadway/siteindex/rdu-mapdrive.html>

### SrvConn



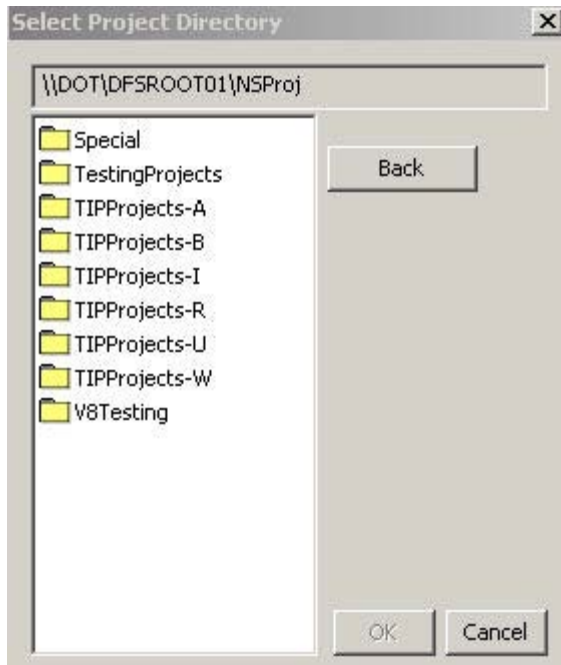
The SrvConn application can be found in your application folder in the NCDOT workspace. It is recommended that you create a shortcut on your desktop for quick reference to this application. SrvConn is an application that will disconnect any current connections that you may have on the R: drive and re-connect to the TIP project you typed in. SrvConn is very quick and efficient though it will only allow you to connect to one project at a time.

SrvConn also allows you to browse two folders called “NSProj” and “Proj” which stand for “Non-Standard Projects” and “Projects” which are standard.

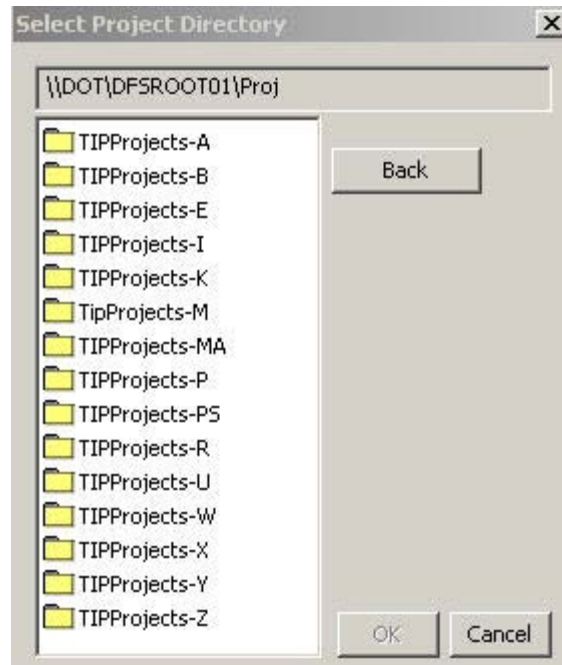


# NCDOT ROADWAY PLAN PREPARATION

## NSProj



## Standard



The difference between these two are that as long as there are some older projects that do not follow the "Standard" folder naming convention, they will always be located in the "NSProj" folder. The reason for this is that folder permissions are applied for each unit as discussed earlier on each folder and that it is impossible to standardize older projects with hundreds of odd named folders.

## Update Workspace

This application is used to update your MicroStation workspaces and should be done at least once a week. You will find this application at the following location:

**"S:\Share\rd\_InternalApplication\UpdateWorkspace\UpdateWS.exe"**

A short cut should be added to your desktop.

When started, the application looks like this:

Please note the highlighted workspaces.

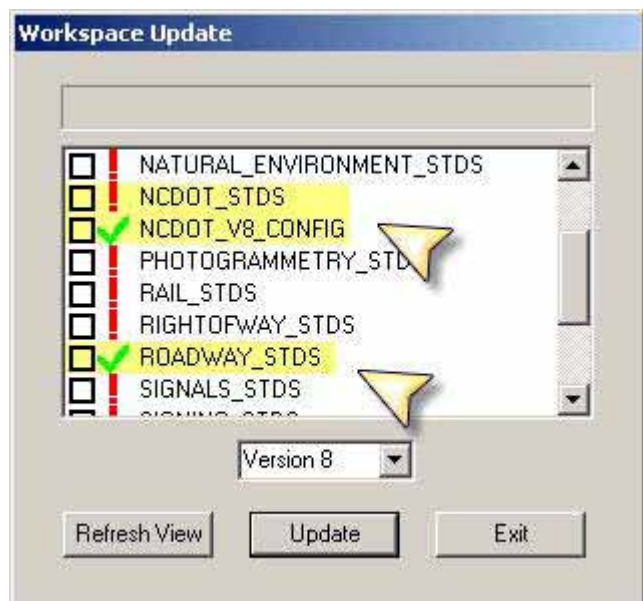
**NCDOT\_STDS**

**NCDOT\_V8\_CONFIG**



**ROADWAY\_STDS**

These are the only workspaces needed for everyone in Roadway Design.



Also note the red exclamation mark **!** and the check mark **✓**

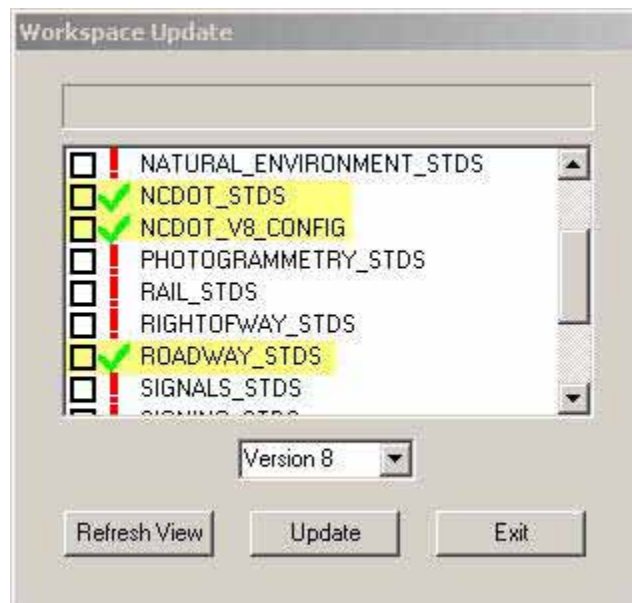


## NCDOT ROADWAY PLAN PREPARATION

If you have an exclamation mark  beside one of your workspaces, that means it is not up to date and a newer copy is available on the server. Click in the box beside the exclamation mark  and click on the “Update” button



You will need to be completely out of MicroStation to update your workspaces. After the application has updated everything you checked, the exclamation marks  will change to a check mark 



**Note:**

One thing to make sure you are aware of, anything that you might have saved in your workspace will be **DELETED!** Never save anything in your workspaces as this application will delete everything in there that is not suppose to be in there.